GOVERNMENT OF INDIA
EARTH SCIENCES
LOK SABHA

UNSTARRED QUESTION NO:396
ANSWERED ON:21.10.2008
RESEARCH ON GLOBAL WARMING
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Will the Minister of EARTH SCIENCES be pleased to state:

(a) whether research institutes are working in a coordinated manner to resolve issues pertaining to global warning;

(b) if so, whether research studies on the melting down of Himalayan glaciers, increased occurrence of cyclones, flash floods, cloud bursts etc. in the country including Karnataka are being conducted;

(c) if so, the details thereof, state-wfse along with the breakthrough made in this regard; and

(d) if not, the reasons therefor?

Answer

MINISTER OF SCIENCE AND TECHNOLOGY AND MINISTER OF EARTH SCIENCES(SHRI KAPILSIBAL)

(a) Yes, Sir Climate change and global warming related research is being carried out by several research institutions like Indian Institute of Tropical Meteorology (IITM), Pune, India Meteorological Department (IMD), National Physical Laboratory (NPL), National Institute of Oceanography (NIO), Centre for Mathematical Modeling and Computer Simulation (CMMACS), Bangalore. Indian Agricultural Research Institute (IARI), Central Research Institute for Dry-land Agriculture (CRIDA), Physical Research Laboratory (PRL), Indian Institute of Science (HSc), Bangalore, Indian Institutes of Technology (IITs), Space Applications Center (SAC), Ahmedabad; Wadia Institute of Himalayan Geology (WIHG); Geological Survey of India (GSI). etc. and several nongovernmental agencies like The Energy and Resources Institute (TERI).

(b) & (c) Yes, Sir. A group of institutions comprising of Space Applications Center (SAC), Ahmedabad. Wadia Institute of Himalyan Geology, Dehradun. Geological Survey of India (GSI) and others are conducting research in campaign mode to study the melting down of Himalayan glaciers. India Meteorological Department (IMD) and several other institutions of Ministry and research and academic institutions in the country are making continuous efforts to enhance monitoring and forecasting capabilities in respect of cyclones, flash floods, cloud bursts etc. affecting various parts of the country, including Karnataka. However, state-wise details of climate change impacts are yet to emerge from these research efforts conclusively.

(d) Does not arise.